

Docket No.: P33108

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"PYRAZOLO[3,4-B]PYRIDINE COMPOUNDS, AND THEIR USE AS PHOSPHODIESTERASE INHIBITORS"

the specification of which (check one)

☐ is attached hereto.

☒ was filed on 12 September 2003 as Serial No. PCT/EP2003/011814 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Number	Country	Filing Date	Priority Claimed
0221455.9	Great Britain	16 September 2002	Yes
0230045.7	Great Britain	23 December 2002	Yes
0306595.0	Great Britain	21 March 2003	Yes
0308017.3	Great Britain	7 April 2003	Yes
0319708.4	Great Britain	21 August 2003	Yes
0321074.7	Great Britain	9 September 2003	Yes

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
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I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37,

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Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.	Filing Date	Status
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-00 Full Name of Inventor: David George ALLEN
 Inventor's Signature: [Signature]
 Date: 7th March 05
 Residence: Stevenage, Hertfordshire, GB GBX
 Citizenship: British
 Post Office Address: GlaxoSmithKline
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, Pennsylvania 19406-0939

2-00 Full Name of Inventor: Diane Mary COE
 Inventor's Signature: [Signature]
 Date: 2nd March 2005
 Residence: Stevenage, Hertfordshire, GB GBX
 Citizenship: British
 Post Office Address: GlaxoSmithKline
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King of Prussia, Pennsylvania 19406-0939

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3-00

Full Name of Inventor: Caroline Mary COOK

Inventor's Signature: [Signature]

Date: 2nd March 2005

Residence: Stevenage, Hertfordshire, GB GBX

Citizenship: British

Post Office Address: GlaxoSmithKline
Corporate Intellectual Property - UW2220
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King of Prussia, Pennsylvania 19406-0939

4-00

Full Name of Inventor: Michael Dennis DOWLE

Inventor's Signature: [Signature]

Date: 2nd March 2005

Residence: Stevenage, Hertfordshire, GB GBX

Citizenship: British

Post Office Address: GlaxoSmithKline
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5-00

Full Name of Inventor: Christopher David EBLIN

Inventor's Signature: [Signature]

Date: 2nd March 2005

Residence: Stevenage, Hertfordshire, GB GBX

Citizenship: British

Post Office Address: GlaxoSmithKline
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6-00 Full Name of Inventor: Julie Nicole HAMBLIN

Inventor's Signature: Nicole Hamblin

Date: 2nd March 2005

Residence: Stevenage, Hertfordshire, GB GBX

Citizenship: British

Post Office Address: GlaxoSmithKline
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King of Prussia, Pennsylvania 19406-0939

7-00 Full Name of Inventor: Martin Redpath JOHNSON

Inventor's Signature: Martin R Johnson

Date: 3rd March 2005

Residence: Stevenage, Hertfordshire, GB GBX

Citizenship: British

Post Office Address: GlaxoSmithKline
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8-00 Full Name of Inventor: Paul Spencer JONES

Inventor's Signature: P. S. Jones

Date: 2nd March 2005

Residence: Stevenage, Hertfordshire, GB GBX

Citizenship: British

Post Office Address: GlaxoSmithKline
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9-00

Full Name of Inventor: Richard Graham KNOWLES

Inventor's Signature: [Signature]

Date: 14th Dec 2005

Residence: Stevenage, Hertfordshire, GB GBX

Citizenship: British

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10-00

Full Name of Inventor: Mika Kristian LINDVALL

Inventor's Signature: [Signature]

Date: MAY 02, 2005

Residence: Emeryville, CA, USA

Citizenship: Finnish

Post Office Address: GlaxoSmithKline
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King of Prussia, Pennsylvania 19406-0939

11-00

Full Name of Inventor: Charlotte Jane MITCHELL

Inventor's Signature: [Signature]

Date: 2nd March 2005

Residence: Stevenage, Hertfordshire, GB GBX

Citizenship: British

Post Office Address: GlaxoSmithKline
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12-00 Full Name of Inventor: Alison Judith REDGRAVE

Inventor's Signature: Alison Redgrave

Date: 7th April 2005

Residence: Stevenage, Hertfordshire, GB

Citizenship: British

Post Office Address: GlaxoSmithKline
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P.O. Box 1539
King of Prussia, Pennsylvania 19406-0939

13-00 Full Name of Inventor: Peter WARD

Inventor's Signature: P. Ward

Date: 12th April 2005

Residence: Stevenage, Hertfordshire, GB GBX

Citizenship: British

Post Office Address: GlaxoSmithKline
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PTO/SB/81 (06-04)

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U.S. Patent and Trademark Office: US DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number	PCT/EP2003/011814
	Filing Date	12 September 2003
	First Named Inventor	David George ALLEN
	Title	PYRAZOLO[3,4-B]PYRIDINE COMPOUNDS, AND THEIR USE AS PHOSPHODIESTERASE INHIBITORS
	Art Unit	
	Examiner Name	
	Attorney Docket Number	P33108

I hereby appoint:

☒ Practitioners associated with the Customer Numbers. 20462

Or

☐ Practitioner(s) named below:

Name	Registration Number

As my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

Or

☒ The address associated with Customer Number 20462

Or

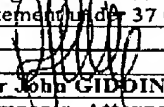
☐ Firm or Individual Name:

Address:	
Address:	
City:	State: Zip:
Country:	
Telephone:	Fax:

I am the:

☐ Applicant/Inventor:

☒ Assignee or record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

Signature:  SIGNATURE of Applicant or Assignee of Record

Date: 1 MAR 2005

Name: Peter John GIDDINGS Telephone: +44 20 8047 4414

Title and Company: Attorney and Authorised Official, Glaxo Group Limited

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of: forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is essential to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: **Glaxo Group Limited**International Application No./Patent No.: **_____** PCT/EP2003/011814 Filed/Issue Date: **_____** 12 September 2003Entitled: **PYRAZOLO[3,4-B]PYRIDINE COMPOUNDS, AND THEIR USE AS PHOSPHODIESTERASE INHIBITORS****Glaxo Group Limited, a corporation, states that it is:**

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ % in the patent application/patent identified above by virtue of either:
- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
- OR
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:
1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
- ☐ Additional documents in the chain of title are listed on a supplemental sheet.
- ☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.


Peter John GIDDINGS

Printed or Typed Name

- 1 MAR 2005

Date

+44 20 8047 4414

Telephone Number

Attorney and Authorized Official
Title

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is essential to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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P33108/US

ASSIGNMENT

WHEREAS I/WE, David George ALLEN; Diane Mary COE; Caroline Mary COOK; Michael Dennis DOWLE; Christopher David EDLIN; Julie Nicole HAMBLIN; Martin Redpath JOHNSON; Paul Spencer JONES; Richard Graham KNOWLES; Charlotte Jane MITCHELL; Alison Judith REDGRAVE and Peter WARD all of Stevenage, Hertfordshire, GB and Mika Kristian LINDVALL of Emeryville, CA, USA (hereinafter called "the inventor(s)") have invented or discovered " **Pyrazolo[3,4-B]Pyridine Compounds, and their Use as Phosphodiesterase Inhibitors** " (hereinafter called "the invention") for which patent applications were filed in the United Kingdom as follows: 0221455.9 filed on 16 September 2002; 0230045.7 filed on 23 December 2002; 0306595.0 filed on 21 March 2003; 0308017.3 filed on 7 April 2003; 0319708.4 filed on 21 August 2003 and 0321074.7 filed on 9 September 2003 and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT International application, when known, be inserted here in parentheses;

(PCT/EP2003/011814 filed on 12 September 2003)

WHEREAS the invention, being made in the course of my employment, belongs to my/our employer, namely **GLAXOSMITHKLINE SERVICES UNLIMITED** a company incorporated in England and Wales whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

WHEREAS **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED**, a company incorporated in England and Wales whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from **GLAXOSMITHKLINE SERVICES UNLIMITED** the whole right, title and interest in and to the invention and the application, and

GLAXOSMITHKLINE SERVICES UNLIMITED and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** have authorised and requested my/our making the application, and

P33108/US

WHEREAS GLAXO GROUP LIMITED a company organised and existing under and by virtue of the laws of England and Wales and having its principal place of business at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England, is desirous of acquiring from **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** the whole right, title and interest in and to the invention and the application in respect of the United States of America;

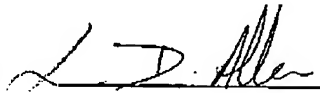
NOW, THEREFORE, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by **GLAXOSMITHKLINE SERVICES UNLIMITED** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in the invention and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in the invention and the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and the application to **GLAXOSMITHKLINE SERVICES UNLIMITED**. **GLAXOSMITHKLINE SERVICES UNLIMITED** in turn hereby assigns and transfers to **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** its whole right, title and interest in and to the invention and the application. **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby assigns and transfers to **GLAXO GROUP LIMITED** its whole right, title and interest in and throughout the United States of America in and to the invention and the application and in and to any priority rights in respect of the invention and the application and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension or re-issue thereof, and I/we the inventor(s) and **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby authorise and request any patent arising therefrom in the United States of America be issued to **GLAXO GROUP LIMITED**.

P33108/US

AND GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in **GLAXO GROUP LIMITED**, its successors and assigns, the whole right, title and interest in and to the invention and the application hereby assigned and transferred in respect of the United States of America.

IN WITNESS whereof and with effect from **16 September 2002** the inventor(s) and **Peter John GIDDINGS** as Attorney of both **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** by virtue of Powers of Attorney granted by **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** respectively have hereunto set their respective hands.

SIGNED by David George ALLEN:



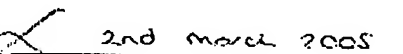
Date:

 7th March 2005


SIGNED by Diane Mary COE:



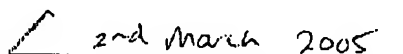
Date:

 2nd March 2005

SIGNED by Caroline Mary COOK:



Date:

 2nd March 2005

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SIGNED by Michael Dennis DOWLE:

Date: 2nd March 2005

SIGNED by Christopher David EDLIN:

Date: 2nd March 2005

SIGNED by Julie Nicole HAMBLIN:

Date: 2nd March 2005

SIGNED by Martin Redpath JOHNSON:

Date: 3rd March 2005

SIGNED by Paul Spencer JONES:

Date: 2nd March 2005

SIGNED by Richard Graham KNOWLES:

Date: 4th March 2005

SIGNED by Mika Kristian LINDVALL:

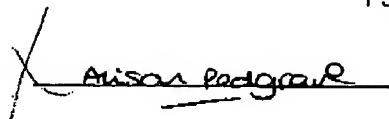
Date: MAY 02, 2005

SIGNED by Charlotte Jane MITCHELL:

Date: 2nd March 2005

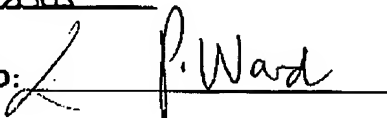
P33108/US

SIGNED by Alison Judith REDGRAVE:



Date: 7th April 2005

SIGNED by Peter WARD:



Date: 13th April 2005

SIGNED by Peter John GIDDINGS as the Attorney of each of
GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE
RESEARCH AND DEVELOPMENT LIMITED:

13th MAY 2005

Date: _____



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